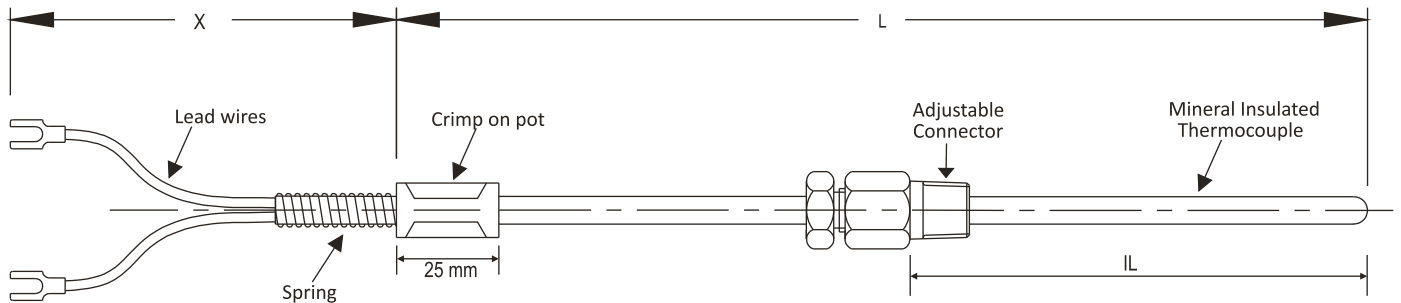


THERMOCOUPLE INSERT WITH TRANSITION JOINT

TC4



Application :

Moulding machine, Plastic industry

Special Features :

- ★ Mineral insulation.
- ★ Thermocouple with adjustable process connection for adjustable insertion length.
- ★ Available in all standard sheath diameters and sheath materials.
- ★ Mineral insulation enables Thermocouples to be used at higher Temperatures.

Standard Product Details

No of Elements	Simplex
Element Type	Chromel-Alumel
Accuracy	Class 2 as per IEC - 584.2
Hot Junction Type	Ungrounded Junction
Sheath Diameter	6.0 mm
Sheath Material	SS 316
Immersion Length 'IL'	
Element Length "L" (mm)	300 mm
Lead Wire Length "X" mm	3000 mm
Lead Wire Type	PTFE/PTFE/SS Wire braided lead wires
Process Connection	½" NPT(M) adj. Connector in SS 316
Option Description	SS Tag Plate

How to Order:

Code	No. Of Elements
S	Simplex
D	Duplex
T	Triplex

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Code	Element Type
J	Iron-Constantan
K	Chromel-Alumel
T	Copper-Constantan
E	Chromel/Constantan
R	Plat. 13% Rhod. -Plat.
S	Plat. 10% Rhod. - Plat.
B	Plat. 6% Rhod. - Plat. 30% Rhod.
N	Nicrosil - Nisil

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Code	Accuracy
1	Class 1 as per IEC - 584.2
2	Class 2 as per IEC - 584.2

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Code	Hot Junction Type
G	Grounded Junction
UG	Ungrounded Junction

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Code	Sheath Diameter
1.5	1.5 mm
3	3.0 mm
4.5	4.5 mm
6	6.0 mm
8	8.0 mm
Consult factory for other size.	

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Code	Sheath Material
S10	SS 310
S6	SS 316
INC.6	Inconel 600
INC.8	Incolloy 800

6

Code	Immersion Length 'IL' / Element Length 'L' mm
	Specify in mm.

7

Code	Lead Wire Length "X" mm
	Specify in mm.

8

Code	Lead Wire Type
1	PTFE insulated lead wires.
2	PTFE / PTFE insulated lead wires.
3	PTFE / PTFE / SS Wire braided lead wires.
4	Fibre Glass insulated lead wires.
5	Fibre Glass / Fibre Glass insulated lead wires.
6	Fibre Glass / Fibre Glass / SS Wire braided lead wires.

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Code	Process connection
A	15NM
B	15NF
C	15BM
D	15BF
	Other, please specify.

10

Code	Option Description
PW	Five Point Factory Calibration Certificate
SX	SS Tag Plate

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Note :

1. When selecting option "PW", please also specify measuring temperature range.(For e.g. 0/300°C)

(Ordering Example)

TC4 [S] [K] [C2] [UG] [6] [316] [L=300] [3000] [3] [A] [SX]

1 2 3 4 5 6 7 8 9 10 11